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## CENTRAL INTELLIGENCE AGENCY

## INFORMATION REPORT

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1. The construction of new buildings is planned at Muggelberg near Berlin. An advance contract was awarded for the construction of a new transmitter house large enough to contain a 250 watt FM amplifier and an additional 3 kw. FM transmitter, plus a 3 kw. television transmitter. The deadline for the beginning of this construction work was 20 September 1953. This building is to be located at the base of an existing lattice type tower and is to be used in conjunction with, or probably as, Berlin II, on 98.2 mcs.
2. An advance contract was also issued for the construction of a building at Marlow to house a 250 W FM stage operating on 91 mcs. This building was to be a barracks moved from the vicinity of Ruegen to Marlow; the number five mast from Königswusterhausen was also to be moved to Marlow. This work was begun on 9 October 1953.
3. Procurement of crystals was authorized for the following frequencies: 185 KC, 236 KC, 263 KC to be used in conjunction with SL-2 long wave up to 1000 KW in the vicinity and north of Berlin.
4. In connection with the proposed antenna construction for the SL-2 transmitter, the firm of Stahlbau Berlin<sup>1</sup> was requested to supply guy insulators capable of supporting 90 tons with a voltage rating from 50 to 85 KV. The Stahlbau was to submit a sample for tests. Details on the guying of the tower were not indicated. The Stahlbau was also requested to submit a design with complete calculations for a steel tower with a cross section of 2.5 meters and a height of 395 meters. The design was to include a ground system suitable for use on 185 kcs, 236 kcs and 263 kcs. Development and test results were to be submitted not later than 16 August 1954.

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25 YEAR  
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5. a. A complaint was sent by the Ministry for Machine Construction to the firm FFAB<sup>2</sup>, on their construction of television antennas, with a request for delivery, to begin in January 1954, of the 1500 ordered, since the receivers would be delivered starting at that date. The Ministry indicated they had requested early delivery of construction materials by firms in Bad Blankenburg and Vacha.<sup>3</sup>

b. Interoffice correspondence indicated first priority for television receivers was to be assigned to those to be used in community viewing rooms and second priority to those planned for collective production organizations. Reference was made to the construction of a 50-meter steel tower at Muggelberg, to be used to support an FM antenna. The correspondence discussed the strength aspects of the concrete anchor and the security of the tower.

6. The following are projected changes for 1954 in installations of FM equipment, for which costs and other data are to be compiled:

a. Technical installations:

Marlow	-	Increase power to 10 KW and finish building to house equipment
Schwerin	-	Increase power to 10 KW
Rheinsberg	-	Increase power to 10 KW
Leipzig	-	Increase power to 10 KW
Brocken	-	Increase power to 10 KW
Inselsberg	-	Increase power to 10 KW
Dresden	-	Increase power to 10 KW and complete building
Muggelberg	-	Increase power to 10 KW. Complete installation of antenna and transmitter room in tower.
Stadthaus	-	Install one 3 KW transmitter from Funkwerk Koepenick.
Burg	-	Install one 10 KW transmitter
Fichtelberg	-	Install one 10 KW transmitter

b. Buildings are to be constructed in Marlow, Brocken, Dresden, and Burg. Details have not been specified.

7. Television projects planned for 1954 are as follows:

a. Technical projects

Dresden	-	Installation of 3 KW final amplifier and completion of the building for the television transmitter
Marlow	-	Installation of a 10 KW transmitter and completion of building for transmitter
Brocken	-	Installation of one 10 KW transmitter
Inselsberg	-	Installation of one 10 KW transmitter

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Fichtelberg	-	Installation of one 10 KW transmitter
Müggelberg	-	Installation of one 30 KW transmitter in the television tower
Marlow	-	Terminal for decimeter relay circuit
Schlankerberg	-	Decimeter relay station
Helpterberg	-	Decimeter relay station
Telegrafenberg	-	Decimeter relay station
Langeberg	-	Decimeter relay station
Müggelberg	-	Terminal for the decimeter circuit linking Müggelberg-Marlow and the circuit Adlershof-Leipzig. This will also contain a converter to feed the signals to the 30 KW television transmitter
Oschatz-Fichtelberg	-	Complete decimeter circuit
Leipzig	-	Terminal for Decimeter circuit
Petersberg	-	Decimeter relay station
Brocken	-	Decimeter relay and also terminal for circuit
Inselsberg	-	Terminal for decimeter circuit
Oschatz	-	15 KV generating station

b. Construction work is planned at the following points:

Schlankerberg, Helpterberg, Telegrafenberg, Langeberg, Petersberg, Oschatz (hydro-electric generating plant), Stulpe (hydro-electric generating plant).

The foregoing projects are to be reported in separate sections in order to permit assignment of investment numbers and object classifications during 1954.

8. There appear to be plans for developing the use of FM radio for the public transportation system. It is planned to use this in conjunction with the telephone network of the Post. At present, this plan involves the organization of an office to handle all the requests and provide necessary coordination for all of East Germany.

Comments:

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<sup>1</sup>VEB Stahlbau, Berlin-Lichtenberg, Herzbergstrasse 140.

<sup>2</sup>As received. FKAB is the authorized RFT abbreviation for the Fernmeldekabel-Anlagenbau, Berlin.

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